

APPENDIX A

REFERENCES

Required Publications

Government Publications:

US Army Corps of Engineers (USACE)

TM 5-691, *Utility Systems Design Requirements for Command, Control, Communications, Computer, Intelligence, Surveillance, and Reconnaissance (C4ISR) Facilities*, 15 December 2000. (cited in paragraphs 2-1 and 2-2).

TM 5-698-5, *Survey of Reliability and Availability Information for Power Distribution, Power Generation, and HVAC Components for Commercial, Industrial, and Utility Installations*. (cited in paragraph 4-4).

Non-Government Publications:

Institute of Electronic and Electrical Engineers (IEEE) Std 493™ *IEEE Recommended Practice for the Design of Reliable Industrial and Commercial Power Systems* (Gold Book). (cited in paragraph 4-4)

Related Publications

Government Publications:

MIL-STD-3007B,
Standard Practice for Unified Facilities Criteria and Unified Facilities Guide Specifications

Air Force Civil Engineering Support Agency (AFCESA)

AFH32-1282V2.pdf, *Field Guide for Inspection, Evaluation, and Maintenance Criteria for Electrical Transformers*

AFH 32-1282V1.pdf, *Field Guide for Inspection, Evaluation and Maintenance Criteria for Electrical Substations and Switchgear*

AFI 32-1062, *Electrical Power Plants and Generators*

AFI 32-1063, *Electrical Power Systems*

US Army Corps of Engineers (USACE)

ARMY TM 5-683

NAVY NAVFAC MO-116

AIR FORCE AFJMAN 32-1083, *Facilities Engineering Electrical Interior Facilities*.

ARMY TM 5-684

NAVY NAVFAC MO-200

AIR FORCE AFJMAN 32-1082, *Facilities Engineering Electrical Exterior Facilities*

TM 5-688, *Foreign Voltages and Frequencies Guide*

TM 5-692-1, *Maintenance of Mechanical and Electrical Equipment at Command, Control, Computers, Communications, Intelligence, Surveillance, and Reconnaissance (C4ISR) Facilities, Recommended Maintenance Practices.*

TM 5-692-2, *Maintenance of Mechanical and Electrical Equipment at Command, Control, Computers, Communications, Intelligence, Surveillance, and Reconnaissance (C4ISR) Facilities, System Design Features.*

TM 5-693, *Uninterruptible Power Supply System Selection, Installation, and Maintenance for Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) Facilities.*

ARMY TM 5-811-1

AIR FORCE AFJMAN 32-1080, *Electrical Power Supply and Distribution*

Non-Government Publications:

Arthur D. Little, "Reliability and Distributed Generation", White Paper

Carnegie Mellon Electricity Industry Center (CEIC), "Electricity under Stress: Robustness and Economics of Distributed Generation"

EPRI Corp., "Reliability of Electric Utility Distribution Systems: EPRI White Paper"

IEEE "Calculating Electrical Risk and Reliability", Paper No. PCIC 94-3, John Propst, Senior Member, IEEE, Shell Development Company, Houston, TX 77251-1380

IEEE "Power Quality Monitoring for High Reliability Systems", Ross Ignall – Dranetz BMI, Mark McGranaghan, Electrotek Concepts, Mark Figor – DHL

John Propst, Equilon Enterprises, LLC, "Operating Manual for Calculating Electrical Risk and Reliability Using the 2000-2 PCIC Reliability Model"

North American Reliability Council, "NERC Reliability Standards Process Manual"

North American Reliability Council, "The NERC Functional Model - Functions and Relationships for Interconnected Systems Operation and Planning"

SAS Institute, "New Methods for Modeling Reliability Using Degradation Data"